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(54) DEINKING AGENT FOR
RECYCLING WASTE PAPER

(57) Abstract:

PURPOSE: To provide the deinking agent afforded with various performances demanded in deinking process and having excellent deinking performance.

CONSTITUTION: The deinking agent for recycling waste paper contains a compound of formula $R1-O-(C_xH_{2x}O)_l(AO)_m(C_yH_{2y}O)_n-H$ [R1 is a residue formed by eliminating hydroxy group from a 8-24C monohydric higher alcohol or 6-16C straight or branched alkyl or alkenyl group-bearing alkylphenol; AO is such a group that at least one kind of 2-4C alkylene oxide group essentially containing ethylene oxide group are arranged either in a block or random fashion; x and y are each 3 or 4; $1 \leq l \leq 300$; $50 \leq m \leq 300$; $1 \leq n \leq 300$].

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